

From owner-boatanchors@gnu.ai.mit.edu Fri Sep 16 03:08:49 1994  
Date: Thu, 15 Sep 94 19:37:07 HST  
From: jeffrey@math.hawaii.edu (Jeffrey Herman)  
Message-Id: <9409160537.AA28296@kahuna.math.hawaii.edu>  
Subject: Caveat Emptor...

Remember that phrase from the want ads in the older 73 magazine?  
Caveat Emptor means Buyer Beware. And concerning Don's post  
regarding money sent but not receiving the goods I had the same  
problem last year: I sold a radio over wreck.radio.swap to an  
unnamed #@\$%&\* - I sent the radio and told him that if he liked  
it then he could forward the money. Well, 9 months went by; during  
that nine months I would email him saying 'haven't received the  
payment yet' only to have him say (at various times)

1. I had my secretary send it out yesterday
2. I sent out a company check
3. I sent out a personal check
4. I sent it to the wrong address
5. I can't believe you haven't received it yet
6. Why haven't you received my check yet?
7. I'll FedEx a check to you
8. What's going on on your side?

Of course he would only respond with one of these \*after\* I had  
sent several emails.

At times I'd send an email and wait days for a response; I  
would finger his account and see that he was logging in  
each day but just ignoring me.

After lots of emails and postal letters I finally sent a \*post card\*  
(so his wife/family members could read it) saying I was going to  
retain a lawyer who was also a ham, and was going to contact  
the USPS and file mail fraud against him. Boy that made him mad!  
It took several more months of emails but I finally received the  
money (throughout this entire period I kept saying 'if you don't  
like the radio then return it').

So Don, don't hesitate to mention the phrase '...file mail fraud  
charges against you with the US Postal authorities...' - wow, that  
sure sounds scary!

73 Gang,  
Jeff NH6IL

From owner-boatanchors@gnu.ai.mit.edu Fri Sep 16 16:05:54 1994

From: Scott\_Johnson-AZAX60@email.sps.mot.com  
Date: 16 Sep 94 11:13:14 -0600  
Subject: RE>Eeek! The following fro  
Message-Id: <"Macintosh \*/PRMD=MOT/ADMD=MOT/C=US/"@MHS>

Reply to: RE>Eeek! The following from wreck.a  
I agree- I converted my Dynaco ST-70 to 5933/807W (they fit under the cage) and  
I love the results. I won't resort to flaming Manley, but---

-----  
Date: 9/15/94 10:40 PM  
To: Scott Johnson  
>From: tech@cs.athabascau.ca@azbcsml  
This was entitled: re: sources of 897's drying up

I didn't know those lunatics liked 807's. sheesh, are 1625's next?

-----  
>In article emanley@netcom.com (EveAnna Manley) writes:  
>  
>>David says (and I quote): The NOS (even JAN 807's) are not as suited for  
>>audio as either the russian or chinese 807 which are still available (for  
>>cheap \$ too.)  
>>Are you collecting to display them on your shelf or are you actually  
>>going to \*use\* them?  
>  
>As a budding aficionado of the "807" tube David Manley's response via  
>EveAnna sort of surprised me. I have an 807 single ended amp (the one  
>featured in Sound Practices a few issues ago) and several hundred NOS  
>807's in my collection from a very wide variety of manufacturers including  
>Brimar, Telefunken, RCA, some Russian built critters and some of the Chinese  
>bot's. My experience is 180 degrees out of sync with David's observations.  
>I have found the Chinese 807's to be (bar any that I've heard) uniformly the  
>worse sounding. Very tinny, high distortion, little warmth, and on and on.  
>  
>The Jan 807's which he disparages I have found to be the best sounding 807's  
>in my entire collection. The Russian guys were pretty darn good sounding but  
>they are not in current production and have been unobtainable through New  
>Sensor (who is the main importer of Russian built tubes) and, furthermore,  
>I am published reports indicate that the tooling had been destroyed. (A pity).  
>  
>David Sarser of Musician's Amplifier fame designed and built his circuit around  
>the 807 and David told me that he much prefers the RCA's over any other brand  
>that he has heard. Most striking is why the RCA brand of 807 would be  
>unsuitable for audio purposes as David Manley suggests.

>  
>Most intriguing question is why would the RCA brand of 807 be unsuitable for  
>audio applications vis-a-vis the chinese or Russian brands. Any insight David  
>could provide would be most welcome so that I can dump my sweetheart still-new-  
>in- the-box (vacuum sealed even) Jan 807's from RCA. Any takers?  
>  
>Michael S. LaFevre  
>

Richard Loken VE6BSV, Systems Programmer - VMS : "...underneath those  
Athabasca University : tuques we wear, our heads  
Athabasca, Alberta Canada : are naked!"  
\*\* tech@cs.athabascau.ca \*\* : - Aurthor Black

From owner-boatanchors@gnu.ai.mit.edu Fri Sep 16 18:49:25 1994  
Message-Id: <m0qlgMX-00029oC@aupair.cs.athabascau.ca>  
Date: Fri, 16 Sep 94 10:42 MDT  
From: tech@cs.athabascau.ca (Richard Loken)  
Subject: for those with an interest in solar affects on HF propagation...

Return-Path: <rwa>  
>From: rwa (Ross Alexander)  
Subject: STD: Weekly Solar Terrestrial Forecast & Review for 16 September (fwd)  
To: tech@cs.athabascau.ca  
Date: Fri, 16 Sep 94 10:37:52 MDT  
X-Mailer: ELM [version 2.3 PL11]

Cary Oler sez:  
>From rho.uleth.ca!oler Thu Sep 15 18:35:31 1994  
>From: oler@rho.uleth.ca (Cary Oler)  
Message-Id: <9409160034.AA14012@rho.uleth.ca>  
Subject: STD: Weekly Solar Terrestrial Forecast & Review for 16 September  
To: local-solar-reports@cs.athabascau.ca  
Date: Thu, 15 Sep 94 18:34:23 MDT  
X-Mailer: ELM [version 2.3 PL11]

--- SOLAR TERRESTRIAL FORECAST AND REVIEW ---  
September 16 to September 25, 1994

Report Released by Solar Terrestrial Dispatch  
P.O. Box 357, Stirling, Alberta, Canada  
T0K 2E0  
Accessible BBS System: (403) 756-3008  
SKYCOM Software Announcement: (403) 756-2386

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**\*\* IMPORTANT SOFTWARE DISTRIBUTION ANNOUNCEMENT \*\***

The Solar Terrestrial Dispatch is seeking individuals who are interested in helping us redistribute and market the line of software products we have developed. Specifically, we will shortly permit authorized individuals to RESELL and distribute the following:

- \* BCAST Solar and Geophysical Database Management Software.  
Contains all of the utilities necessary to use the Extended Database below. Also contains a large limited database of solar and geophysical data from 04 Sep 1991 to the 1993 with the ability to track solar and geophysical information to the present date. A powerful solar cycle analyst.
- \* Extended Database of Solar and Geophysical Data.  
Contains Sunspot numbers from 1818 to 1993, solar flux values from 1947 to 1993, and geomagnetic data from 1932 to 1993. Ideal for those studying solar cycles and related statistics on solar or geomagnetic storms.
- \* Professional Dynamic Auroral Oval Simulation Software.  
Determine when and where to look to see auroral activity. Simulates the position and appearance of auroral activity from any location on the Earth. Also simulates the appearance and location of the Sun and Moon and comes with an extensive database of auroral activity sightings.
- \* SKYCOM HF Ionospheric Signal Analyst Propagation Software.  
A sophisticated and powerful high-frequency propagation program. Ideal for radio communicators or listeners, commercial broadcasters, educators, and anyone else interested in radio propagation. Produce broadcast coverage maps, global maps of maximum usable frequencies, maps showing the proximity of signal paths to the auroral zones, and MUCH more. Ray-trace signals between any two paths. Produce an all-band spectrum analysis showing what bands or frequencies to use at specific times of the day, what transmission elevation angles to use, modes of communication, magnitude of multipathing, and MUCH more than is possible to list here. SKYCOM outranks most other propagation programs in features, power, and flexibility.

Combined, this software normally sells for \$360.00.

Those who participate will be able to purchase ALL of the above software for only \$80.00 U.S. (a savings of over 77%), and resell it to others following our distribution plan. Participants could make very healthy

profits.

There are no special personal requirements to become authorized. Anyone can participate. To find out how, send a request for more information to: Oler@Ultrix.Uleth.CA or to: COler@Solar.Stanford.Edu along with your postal mailing address. We will send the required information to you through postal mail.

SOLAR AND GEOPHYSICAL ACTIVITY FORECASTS AT A GLANCE

		10.7 cm	HF Propagation					+/- CON	Mag	Aurora			
		SolrFlx	LO	MI	HI	PO	SWF	%MUF	%K	Ap	LO	MI	HI
September		16	072	G	G	F	F	05 00	80	2 10	NV	NV	LO
		17	070	G	G	F	F	05 00	80	2 10	NV	NV	LO
		18	070	G	G	F	F	05 00	80	2 08	NV	NV	LO
		19	070	G	G	F	F	05 00	75	2 08	NV	NV	LO
		20	070	G	G	F	F	05 00	75	2 08	NV	NV	LO
		21	072	G	G	F	F	05 00	75	3 12	NV	NV	LO
		22	072	G	G	F	F	05 00	70	2 10	NV	NV	LO
		23	072	G	G	F	F	05 00	70	2 10	NV	NV	LO
		24	072	G	G	F	F	05 00	70	2 10	NV	NV	LO
		25	070	G	G	F	F	05 00	70	2 08	NV	NV	LO

PEAK PLANETARY 10-DAY GEOMAGNETIC ACTIVITY OUTLOOK (16 SEP - 25 SEP)

EXTREMELY SEVERE												HIGH
VERY SEVERE STORM												HIGH
SEVERE STORM												MODERATE
MAJOR STORM												LOW - MOD.
MINOR STORM												LOW
VERY ACTIVE												NONE
ACTIVE							*					NONE
UNSETTLED	***	***	**	**	**	***	***	***	***	***	**	NONE
QUIET	***	***	***	***	***	***	***	***	***	***	***	NONE
VERY QUIET	***	***	***	***	***	***	***	***	***	***	***	NONE
Geomagnetic Field	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Anomaly	
Conditions	Given in 8-hour UT intervals										Intensity	

CONFIDENCE LEVEL: 70%

NOTES:

60-DAY GRAPHICAL ANALYSIS OF GEOMAGNETIC ACTIVITY



J = Major Storm, and S = Severe Storm.

101		
100		*

099			*	
098			*	
097			*	
096			*	
095			* *	
094			****	
093			****	
092			*****	
091			*****	
090			*****	
089		*	*****	
088		*	*****	
087		*	*****	
086		*	*****	
085		*	*****	
084		**	*****	
083		**	* *****	
082		**	*****	
081		****	*****	
080	**	****	*****	
079	**	****	*****	
078	*** *	* ***** *	*****	
077	*****	*****	*****	
076	*****	* * * *	*****	
075	*****	*****	*****	
074	*****	*****	*****	
073	*****	*****	*****	
072	*****	*****	*****	
071	*****	*****	*****	
070	*****	*****	*****	

-----

Chart Start: Day #198

## GRAPHICAL ANALYSIS OF THE 5-DAY AVERAGE SOLAR FLUX

096				
095			*	
094			**	
093			**	
092			****	
091			*****	
090			*****	
089			*****	
088			*****	
087			*****	

086				*****	
085				*****	
084				*****	
083				*****	
082		*	**	*****	
081		***	****	*****	
080		****	*****	*****	
079		*****	*****	*****	
078		*****	*****	*****	
077		*****	*****	*****	
076		*****	*****	*****	
075		*****	*****	*****	
074		*****	*****	*****	
073		*****	*****	*****	
072		*****	*****	*****	
071		*****	*****	*****	
070		*****	*****	*****	

-----

Chart Start: Day #198

# GRAPHICAL ANALYSIS OF THE 10-DAY AVERAGE SOLAR FLUX

091					
090				****	
089				*****	
088				*****	
087				*****	
086				*****	
085				*****	
084		*		*****	
083		**		*****	
082		***		*****	
081		****		*****	
080		*****		*****	
079		*****	*****	*****	
078		*****	*****	*****	
077		*****	*****	*****	
076		*****	*****	*****	
075		*****	*****	*****	
074		*****	*****	*****	
073		*****	*****	*****	
072		*****	*****	*****	
071		*****	*****	*****	
070		*****	*****	*****	



Chart Start: Day #198

## GRAPHICAL ANALYSIS OF THE 20-DAY AVERAGE SOLAR FLUX

```

084 |
083 | *****
082 | *****
081 | *****
080 | *****
079 | *****
078 | *****
077 | *****
076 | *****
075 | *****
074 | *****

```

Chart Start: Day #198

## GRAPHICAL ANALYSIS OF 90-DAY AVERAGE SOLAR FLUX

```

081 |
080 | *****
079 | *****
078 | *****
077 | *****

```

Chart Start: Day #198

NOTES:

The 10.7 cm solar radio flux is plotted from data reported by the Penticton Radio Observatory (formerly the ARO from Ottawa). High solar flux levels denote higher levels of activity and a greater number of sunspot groups on the Sun.

### CUMULATIVE GRAPHICAL CHART OF SUNSPOT NUMBERS

106	
101	*
096	*



-----	P00R											
75%	VERY P00R											
	EXTREMELY P00R											
-----												
	PROPAGATION	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	
	QUALITY	Given in 8 Local-Hour Intervals										

## AURORAL ACTIVITY PREDICTIONS (16 SEP - 25 SEP)

## Middle Latitude Locations

-----	MODERATE													
75%	LOW													
	NOT VISIBLE		***		***		***		***		***		***	
	-----		---		---		---		---		---		---	
	AURORAL		Fri		Sat		Sun		Mon		Tue		Wed	
	INTENSITY		Eve.		Twilight		/Midnight		/Morn.		Twilight			
	-----													

#### Low Latitude Locations

CONFIDENCE	EXTREMELY HIGH													
LEVEL	VERY HIGH													
	HIGH													
-----	MODERATE													
95%	LOW													
	NOT VISIBLE		***		***		***		***		***		***	
	-----		---		---		---		---		---		---	
	AURORAL		Fri		Sat		Sun		Mon		Tue		Wed	
	INTENSITY		Eve.		Twilight		/Midnight		/Morn.		Twilight			
	-----													

#### NOTE:

Version 2.00c of our Professional Dynamic Auroral Oval Simulation Software Package is now available. This professional software is particularly valuable to radio communicators, aurora photographers, educators, and astronomers. For more information regarding this software, contact: "Oler@Rho.Uleth.CA", or "COler@Solar.Stanford.Edu".

For more information regarding these charts, send a request for the document, "Understanding Solar Terrestrial Reports" to: "Oler@Rho.Uleth.Ca" or to: "COler@Solar.Stanford.Edu". This document, as well as others and related data/forecasts exist on the STD BBS at: (403) 756-3008.

\*\* End of Report \*\*

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Ross Alexander VE6PDQ rwa@cs.athabascau.ca,  
(403) 675 6311 rwa@auwow.cs.athabascau.ca

Television is chewing gum for the eyes. -- Frank Lloyd Wright

From owner-boatanchors@gnu.ai.mit.edu Fri Sep 16 15:16:50 1994  
Message-Id: <9409161613.AA10936@wrdis01.robins.af.mil>  
Date: Fri, 16 Sep 94 12:13:54 -0400  
From: lakeith@wrdis01.robins.af.mil ( Larry CONTRACTOR Keith Mr.)

Subject: Hamfest Recommendations?

Am looking at the last issue of 73 and trying to put together my personal hamfest schedule for October.. Any comments or knowledge about the following events would be appreciated..

Oct 8 St. Petersburg, FL

Oct 15 Johnson City, TN (Grey, TN)

Sanford, NC

Waycross, GA -- Guess this one makes up my mind..

Oct 29 Mobile, AL

Port St. Lucie, FL

Looks like those are my choices...

73,

Larry, KQ4BY

From owner-boatanchors@gnu.ai.mit.edu Fri Sep 16 10:59:43 1994  
Date: Fri, 16 Sep 1994 08:35:26 -0400  
Message-Id: <199409161235.IAA02638@bunny.gte.com>  
From: okas\_rp%ncsd.dnet@gte.com  
Subject: HQ-110 clarifications

Larry and the Gang,

I deleted your original post, so I'll have to reconstruct it from memory...

The first mixer output is really a compound transformer. Both cans are identical: The first one is in the plate circuit of the 6BE6. Both coils are connected in series and the one not being used (455 or 3035 KHz) is shorted out via the band selector switch. The link winding is connected to the link winding in the adjacent transformer, which provides the tuned input circuits for the second mixer.

Hope this clears up any confusion.

Bob - N3MBY

From owner-boatanchors@gnu.ai.mit.edu Fri Sep 16 13:02:43 1994  
Date: Fri, 16 Sep 94 07:51:00 PST  
From: janderson@polycom.com  
Message-Id: <9408167797.AA779727060@ccsmtpgw.polycom.com>  
Subject: Info on Panoramic Adapter & R390A

Does anyone know where I can find schematics/manual/info on the following?

Name: Panoramic Ultrasonic Analyzer  
Model: SB-15  
Manuf: Panoramic Radio Products, Inc.

This is a heavy rack-mount panoramic display unit, painted the same color scheme as an R-390A, and useful up to 500 kHz.

Also, I'm working on my R390A and was wondering if there is a better technical reference than TM11-856A. This manual is great for general trouble-shooting and alignment, but there are a number of "adjustments" not mentioned, and I'd like to find out more about them.

(Also - need the cable that goes from the IF module to the IF output BNC in back of the 390A. Anyone know where I can find one?)

Thanks,

- Jeff, WA6AHL

From owner-boatanchors@gnu.ai.mit.edu Fri Sep 16 20:10:25 1994  
Date: Fri, 16 Sep 94 14:28:00 EST  
From: "Roy Morgan" <morgan@speckle.ncsl.nist.gov>  
Message-Id: <64077.morgan@speckle.ncsl.nist.gov>  
Subject: Re: Info on Panoramic Adapter & R390A

On Fri, 16 Sep 94 07:51:00 PST,  
janderson@polycom.com <janderson@polycom.com> wrote:

> (Also - need the cable that goes from the IF module to the  
> IF output BNC in back of the 390A. Anyone know where I can find  
> one?)

Jack,

!My 1st msg to your address janderson@polycom.com bounced, so this is out on the BA list!

I recently got some of those small connectors at RF Connections (which is very nearby), and I intended to make up some test cables for working on my R-390A.

If you don't find a cable anywhere, you could:

- 1) get some connectors from RF Connections and make one.
- 2) talk me into making one more than I would have
- 3) wait and see if the junker R-390A I'm expecting to get next week as one in it.
- 4) get an adapter to BNC (RF Connectons has them, too), replace the rear apron connector, and make up a BNC cable.

PS, I have a Panoramic adapter model SB-8A in New England, with a book if I remember correctly. It's likely that it would do you no good. It has octal tubes, is a bear to align, and seems to drift about somewhat. It's designed for 455 kc IF only, I think.

-- Roy --

Roy Morgan / Tech A-266 / NIST / Gaithersburg MD 20899  
(National Institute of Standards and Technology, formerly NBS)  
301-975-3254 Fax: 301-948-6213 Internet: morgan@speckle.ncsl.nist.gov  
---

From owner-boatanchors@gnu.ai.mit.edu Fri Sep 16 17:51:41 1994  
Message-Id: <9409161706.AA06873@wrdis01.robins.af.mil>  
Date: Fri, 16 Sep 94 13:06:16 -0400  
From: lakeith@wrdis01.robins.af.mil ( Larry CONTRACTOR Keith Mr.)  
Subject: October '94 Hamfests

October 1994 Hamfests..

Extracted from the ARRL Infoserfer file HAMFESTS.USA and edited to include other hamfests that I know about..

If you have any info about these such as number of attendees, boneyard quality and quantity, etc., please pass the info along..

- Sept. 30-Oct. 2 \* Kansas State Convention, Wichita, KS  
Len Warren, N0QHZ  
6233 Millsboro, Wichita, KS 67219-1637
- October 1-2 \* New England Division Convention, Boxboro, MA  
Gene Hastings, W1VRK  
18 Churchill Rd., Marblehead, MA 01945  
617-631-7388
- October 1-2 \* Kentucky State Convention, Louisville, KY  
Herbert Rowe, W4WQD  
5612 Hiway 160, Charlestown, IN 47111  
812-294-4905

Note: I used to go to this one, when I lived in Ohio. OK on Saturday, dead on Sunday. Memory says that some good boatanchors used to show up.. I still remember the guy who disassembled a TMC 1KW transmitter and stuffed it into a tiny car... Tied the rack to the top and headed back for I-65..

- October 1-2 \* Mississippi State Convention, Biloxi, MS  
Ed Byrd, KA5UFV  
18316 Landon Rd., Gulfport, MS 39503  
601-832-3249
- October 2 + Ashland Area ARC, Ashland, OH  
Paul Ritchey, N8WHY  
927 College Blvd., Ashland, OH 44805  
419-281-0240
- October 2 + Huntington County ARS, Huntington, IN  
Mike Brooker, WD9JFC  
15035 Feighner Rd., Roanoke, IN 46783  
219-638-4693
- October 2 + Hall of Science ARC, Queens, NY  
Arnie Schiffman, WB2YXB  
81-22 250 St., Bellerose, NY 11426  
718-343-0172
- October 2 + Muscatine & Iowa City ARC's, West Liberty, IA  
Tom Kramer, KE0Y



905 Leroy St., Muscatine, IA 52761  
319-264-3259

October 8 + Rogue Valley ARC, Medford, OR  
Van Sias  
641 Sunrise Ave., Medford, OR  
503-779-0723

October 8 + Bergen ARA, Teaneck, NJ  
Bruce Lemken, WG2Y  
47 Furman Dr., Emerson, NJ 07630

October 8 (added) Grand Forks, ND (701-746-9498)

October 8 (added) St. Petersburg, FL (813-527-3426)

October 8-9 \* Delta Division Convention, Memphis, TN  
Henry Leggette, WD4Q  
1555 Galveston ST., Memphis, TN 38114  
901-744-2781

October 8-9 \* Connecticut State Convention, Durham, CT  
Robert Schulte, WK1N  
54 Wheeler Hill Dr., Durham, CT 06422  
203-349-1373

October 8-9 + Hualapai ARC, London Bridge ARA, Western AZ ARC,  
Dolan Springs ARC & ARCA, Bullhead City, AZ  
Charlie Ellis, W6PNM  
1935 Devlin Ave., Kingman, AZ 86401  
602-757-7553

October 9 + Garden State ARA, Brookdale ARC, Jersey Shore ARS,  
Neptune ARC & Ocean-Monmouth ARC, Lincroft, NJ  
David Worrall, N2IRO  
48 Howland Rd., Middletown, NJ 07748  
908-671-6844

October 9 (added) Lima, OH (Jon Solomon, 1370 Stevick Rd., Lima, OH 45807)

Note: Used to go to this one, every year. Not too large, but good stuff used to show up. Bought an Eico scope, there, for \$2. Didn't want the scope, but I needed the manual..

October 9 (added) Sacramento, CA (916-381-6602)

October 14-16 \* Midwest Division Convention, Omaha, NE  
Todd LeMense, KG0EJ

3603 S. 89th St., Omaha, NE 68124  
402-592-4930

- October 15        +    Central Louisiana ARC, Alexandria, LA  
                         John Kissick  
                         9223 Hwy 1 South, Alexandria, LA 71302  
                         318-487-0971
- October 15        +    Tri-County Radio Assn., Scotch Plains, NJ  
                         Bert Eldert, KE2KX  
                         1850 Northgate Rd., Scotch Plains, NJ 07076  
                         908-889-2053
- October 15        +    Radio Amateurs of Greater Syracuse, Syracuse, NY  
                         Vivian Douglas  
                         213 Monticello Dr. S., Syracuse, NY 13205  
                         315-469-0590
- October 15 (added)    Johnson City, TN (Tri-cities Hamfest, PO Box 3682 CRS,  
                         Johnson City, TN 37602
- Note: Have heard good reports about this one..
- October 15 (added)    Sanford, NC (April Maggart, KD4QMU, 8512 Deep River Rd.,  
                         Sanford, NC 27330)
- October 15 (added)    Waycross, GA (912-283-4603)
- Note: Watch for my Oct 16 posting.. I will probably be there...
- October 16        x    MIT RS & Harvard Wireless, Cambridge, MA  
                         Steve Finberg  
                         PO Box 82 MIT Branch, Cambridge, MA 02139  
                         Nick Alternburnd 617-253-3776
- October 16        +    Firelands ARA, Milan, OH  
                         Tom O'Conner, NI8G  
                         13911 Perrin Rd., Milan, OH 44846  
                         419-499-2109
- October 16        +    Centralia Wireless Assn., Centralia, IL  
                         Louis Hodges, W9IL  
                         2148 Farthing Rd., Centralia, IL 62801  
                         618-533-4724
- October 16 (added)    Bensalem, PA (215-255-0879)
- October 16 (added)    Long Island, NY (516-462-5549)

October 16 (added) Tuscon, AZ (602-742-2605)

October 21-23 \* Pacific Division Convention, Concord, CA  
Lauren Styles, WA6CIE  
1910 Sunshine Dr., Concord, CA 94520

October 22 (added) Franklin, PA (814-677-6523)

October 22-23 + Palm Beach Repeater Assn., West Palm Beach, FL  
James Schoech  
129 Dayton Rd., Lake Worth, FL 33467  
407-439-0569

October 23 + R.F. Hill ARC, Sellersville, PA  
Linda Erdman, KA3TJZ  
2220 Hill Rd., Perkiomenville, PA 18074  
215-679-5764

October 23 (added) Warren, MI (313-772-8082)

October 23 (added) Waukesha, WI (KM\_RA Swapfest, POB 411, Waukesha, WI 53187-0411)

October 28-30 + Texoma Hamarama Assn., Kingston, OK  
Charles Bilbay, KI5CG  
Rt 2 Box 301, Bokchito, OK 74726  
405-924-0687

October 29 + Twin City FM Club, St. Paul, MN  
Clyde Green, N0DVP  
5406 Zealand Ave., N., New Hope, MN 55428  
612-535-3311

October 29 (added) Mobile, AL (205-824-2749)

Note: May have to check this one out... Think it is about 5 hours out of here..

October 29 (added) Port St. Lucie, FL (407-335-1341)

October 29 (added) St Louis, MO (314-230-9402)

October 30 + Marion ARC, Marion, OH  
Karen Eckard, N8JDH  
6583 South Street Meeker, Marion, OH 43302  
614-499-3565

October 30 + Mt. Beacon ARC, Poughkeepsie, NY  
Ken Akasofu, KL7JCQ  
316 Titusville Rd., Apt. 4, Poughkeepsie, NY 12603-2944  
914-485-9617

October 30 + Carroll County & Penn-Mar RC, Westminster, MD  
Gary Viands, KE3FN  
203 Berwick Rd., Abbottstown, PA 17301  
717-259-7342

October 30 (added) Denver, CO (303-771-9577)

October 30 (added) Lebanon, IN (Sam Paul, WA9YZE, POB 186, Lebanon, IN 46052

-30-

73,

Larry, KQ4BY

From owner-boatanchors@gnu.ai.mit.edu Fri Sep 16 19:51:14 1994  
Message-Id: <9409161754.AA29110@loki.hi.com>  
Date: Fri, 16 Sep 1994 13:55:51 -0500  
From: steve@hi.com (Steve Byan)  
Subject: Old-Time Radio email newsletter

I'm forwarding this post from rec.radio.shortwave; it may be of interest.

Regards,  
-Steve

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OTR (OLD-TIME-RADIO) Newsletter Created

OTR, the noncommercial, electronic newsletter for folks who  
enjoy collecting and listening to nostalgic radio programs is proud to  
announce the acceptance of charter subscriptions.

OTR was founded after discussion in Usenet newsgroups and email exchanges, indicating the desire of a number of Usenet users to have a forum dedicated to the hobby of listening to old-time radio (OTR) programming.

-o-o-o-o-o-o-o-o-o-o-o-o-

Some of the anticipated topics include (but are not limited to):

- Lists of AM radio stations broadcasting OTR.
- Lists and critiques of OTR tape vendors.
- Contents of personal libraries / collections.
- Offers to privately exchange recordings.
- Critiques of individual or serialized programs.
- Discussions about radio dramas / mysteries / adventures.
- Hints on re-recording and preserving audio quality.

-o-o-o-o-o-o-o-o-o-o-o-o-

If you fondly reminisce about some of the programs you heard during the "golden age of radio", would like to learn more about programming on the "TV without a tube" that fascinated your parents, or would like to contribute your topical expertise, send in your subscription request now.

Are you interested in the "Modern Day" radio dramas and how they compare and contrast to the 'Golden Age' of radio? If so, then OTR is for you.

Subscribers will receive periodic emailings of contributed articles. in a daily digest format (as news warrants). You may enjoy reading OTR while listening to your favorite radio dramas. An enjoyable example of sensory multiplexing :-).

-o-o-o-o-o-o-o-o-o-o-o-o-

To subscribe, send an email message in the following format:

To: otr-request@airwaves.chi.il.us  
Subject: SUBSCRIBE

You will receive a 'welcome' message with even more information.

-----

OTR is brought to you courtesy of -Airwaves Radio Journal  
and Lou Genco, who actually remembers some of the original programs |-).

Steve Byan  
Hitachi Computer Products (America), Inc.  
1601 Trapelo Road  
Waltham, MA 02154

internet: steve@hi.com  
phone: (617) 890-0444  
FAX: (617) 890-4998

From owner-boatanchors@gnu.ai.mit.edu Fri Sep 16 15:31:42 1994  
From: flasch@cushy.eecs.nwu.edu (Norm Flasch)  
Message-Id: <9409161631.AA18701@cushy.eecs.nwu.edu>  
Subject: Re: Radio Madness...  
Date: Fri, 16 Sep 1994 11:31:54 -0500 (CDT)

>  
> I am in the grip of radio madness here--not to be confused with Reefer Madness  
>

Well, I realize I have had radio madness after returning from  
a swapmeet with more stuff than I went out there with AND having  
to stop by a cash station on the way back in order to buy groceries  
for the week!

Seriously, though. Most of the people I have delt with (at meets  
anyway) are OK. There are always a few loose nuts wherever you  
go in this life. Don, if these are the only two guys you have had  
trouble with with all the trading you do, consider yourself lucky.

--  
Norm Flasch, Department of Electrical Engineering and Computer Science  
Northwestern University, 2145 Sheridan Rd., B665, Evanston, IL 60208  
voice=708-491-8161, fax=708-491-4455, email=flasch@eecs.nwu.edu

From owner-boatanchors@gnu.ai.mit.edu Fri Sep 16 03:17:29 1994  
From: TOM.A.ADAMS@mail.admin.wisc.edu  
Subject: Re. Top Band Query  
Date: Fri, 16 Sep 94 00:58 CDT  
Message-Id: <E9G05827.E9G05840@mail.admin.wisc.edu>

to: boatanchors@gnu.ai.mit.edu

In reference to 160 metres in the '60s;

The 160 metre band was one of the main incentives to get a General Class

ticket when I was in high school. Around the Chicago area there was a VERY active 160 AM group, centered on 1810 KHz. Most of 'em were affiliated with the Chi-Burban Mobileers Radio Club (if you can imagine 160 metre MOBILE ops!).

Rigs fell into 2 general categories. Elmac AF-67s were popular if you had the bread for one; it was one of the very few commercial mobile rigs that covered 160. To save a few bucks most of the gang didn't buy the Elmac mobile power supply. Instead, a quick trip to Surplus Row to pick up a dynamotor took care of your high voltage needs. Eventually you also took to carrying a set of jumper cables routinely; sooner or later almost everybody forgot to keep the engine running during transmission, or operated on a winter night (headlights and heater running) and discovered a weak battery the hard way.

If you couldn't afford an Elmac, the most popular design for a homebrew rig used a 6AQ5 crystal oscillator, driving a 6AQ5 power amp, Heising modulated by a 6AQ5, with a 12AX7 speech amplifier, often wired for a surplus T-17 carbon mike. Power output was typically 5 to 10 watts, and adequate for 10 - 15 miles.

Mobile antennas were STRANGE!!! At that time no one made a commercial 160 mobile antenna, so you were on your own. Sections of military surplus "tank whip" were topped by monster loading coils, which were in turn topped by cut down CB whips, which were in turn topped by capacitance hats, usually 2 feet or more in diameter. The capacitance hat was absolutely necessary, because the huge loading coils (often 8" - 10" in diameter, and 1' - 1.5' long) acted like a Tesla coil. Without a hat, a whip fed with 50 watts would often produce a corona discharge the size of a basketball! I remember seeing K9ZAZ Mobile parked outside of a closed pharmacy. When Lefty hit the mike button, the florescent lights inside the front window lit up! One of my buddies tuned and pruned his antenna for how far away from the whip he could light a 25 watt tube held in his hand. These critters generated some WICKED electrostatic fields!

The outstanding signal in the area was coming from W9UCW (Useless, Careless, and Worthless), Barry Booth at Minooka, IL (between Chicago and Joliet). At one point he had a 140' vertical in his cow pasture, and unbelievable amounts of ground wire under it. Once I remember that Barry was off the air for a week or so; it seemed that a steer had taken a dislike to the antenna tuning box at the antenna base, and decided to charge and gore it!

In our area, the term "single side band" was considered an obscenity. All of our guys were tinkerers and builders, and we loved the idea of "broadcast quality" AM. Even tho Wes and the boys at Central Electronics were in the area, and 160 was included on CE rigs, SSB wasn't heard on 160 until the late '60s or early '70s.

We stuck to the lowest frequency segment of the band (1800 - 1825 KHz) and ignored the rest. There was a 100 watt night time limit for us there as I remember. I had a crystal for (I think) 1955 KHz, and occasionally I'd plug it in and call CQ. Never got an answer, because of the multimegawatt pulses from

the LORAN chain at 1950 KHz. Firing a 50 watt CQ into that mess was like spitting into a hurricane!

On a good receiver, the LORAN chains would take out 10 - 15 KHz each.

Because of the power and frequency restrictions, plus the refusal to use SSB for voice, good wintertime DX for us smaller stations was an occasional W8 in Ohio. Better equipped stations with vertical antennas and a Ranger or Valiant usually could make the East Coast on a fairly regular basis.

Top Band was considered a hotbed of technical expertise back then. You HAD to know what you were doing in order to get out, especially with antennas. The ability to throw large amounts of cash at ready built gear would get you on the air, but by no means did it assure that you'd have an outstanding signal, as a number of folks discovered.

I never did get a really strong signal on 160; I was trying to load the coax (later open wire feeder) on my 40 metre dipole as a vertical, using the dipole itself as a capacitance hat. Not too successful, and I got into every telephone and stereo set in the area (with AM that's a MAJOR problem; it makes it easier for the victim to find you!). So now I had a choice; 40 metres got into thier TV sets, and 2 metre AM got into thier FM radios. Nothing like multiformat RFI!!!

Hope this gives you a bit of a feel for how 160 was in the 1960's.

73's,

Mr. T., K9TA

From owner-boatanchors@gnu.ai.mit.edu Fri Sep 16 20:56:58 1994  
From: haynes@cats.ucsc.edu (Jim Haynes)  
Date: Fri, 16 Sep 1994 13:26:51 -0700  
Message-Id: <199409162026.NAA10668@hobbes.UCSC.EDU>  
Subject: Re: RE>Eeek! The following fro

Well maybe those 807s that the audiophiles decide sound bad can be liberated for use in radio gear.

From owner-boatanchors@gnu.ai.mit.edu Sat Sep 17 00:23:01 1994  
Date: Fri, 16 Sep 94 13:16:27 pst  
From: "Kenan, Larry" <larryk@frick.sandiegoca.NCR.COM>  
Message-Id: <9408167797.AA779746587@frick.sandiegoca.ncr.com>  
Subject: Re: RE>Eeek! The following fro

>I didn't know those lunatics liked 807's. sheesh, are 1625's next?



-----  
>David Sarser of Musician's Amplifier fame designed and built his circuit around  
>the 807 and David told me that he much prefers the RCA's over any other brand  
>that he has heard. Most striking is why the RCA brand of 807 would be  
>unsuitable for audio purposes as David Manley suggests.

>

>Most intriguing question is why would the RCA brand of 807 be unsuitable for  
>audio applications vis-a-vis the chinese or Russian brands. Any insight David  
>could provide would be most welcome so that I can dump my sweetheart still-new-  
>in- the-box (vacuum sealed even) Jan 807's from RCA. Any takers?

-----  
A 6BG6 TV horizontal output tube is just an 807 with an octal base. I would  
think that these would be more plentiful than 807s and thereby more desirable  
to the audio buffs. I guess they must not make new 6BG6s in China.

It goes back a long way. I have seen 1950s vintage Williamson amplifiers which  
use 807s. They were very understressed in this application. I think the  
push-pull output stage was rated at 20 Watts RMS.

Larry Kenan - KD6CKR

From owner-boatanchors@gnu.ai.mit.edu Fri Sep 16 19:03:27 1994  
Date: Fri, 16 Sep 94 12:11:22 -0500  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Message-Id: <9409161711.AA09698@chuck.dallas.sgi.com>  
Subject: Reel-to-Reel Tape

Gang,

I know you think this is crazy, at it is,  
but I'm in Dallas and I need a reel-to-reel  
tape deck capable of playing 3 3/4 IPS tape.

I just received 5 minutes ago, two tapes. I  
had been trying for 10 years to get these tapes  
from a friend of mine in Houston TX.

What it is is "CODE SOUND LANGUAGE" tapes, a  
complete study of the International Morse Code.

These two tapes may be the only two left in the world. I have heard them once. The man who does the course had lost his voice box due to cancer, but used a vibrator against the throat type mechanism to talk. The tapes go from 3 to 55 wpm and we can just hope and pray that all the tapes can be played one more time. I intend to record these to cassette tapes, no matter how many it takes. Let's see  $1200' \times 2 \times 2 = 4800'$  at  $3 \frac{3}{4}$  IPS gives 256 minutes of morse. I can probably post process the tape and remove the noise or regenerate the entire course using modern equipment, like a DSP at 44.1KHz. We'll see.

So, anyone in Dallas area that can help? I am going to stop at a pawn shop on the way home and see if I can get lucky.

Watch here for details and any of you OFs heard of "Sound History" - Study NR1+NR2 and NR3+NR4?  
NR1+NR2 is from 3 to 25 wpm  
NR3+NR4 is from 25 to 55 wpm

Stay Tuned,

dit dit  
Chuck Adams K5FO CP-60  
adams@sgi.com

From owner-boatanchors@gnu.ai.mit.edu Fri Sep 16 15:03:13 1994  
Message-Id: <9409161605.AA08602@wrdis01.robins.af.mil>  
Date: Fri, 16 Sep 94 12:04:59 -0400  
From: lakeith@wrdis01.robins.af.mil ( Larry CONTRACTOR Keith Mr.)  
Subject: Re: Swapmeets/Hamfests

In your message of 14 Sep 1994 at 1906 EDT, you write:  
> Isn't it about time that someone put together a list of the decent BA related  
> swapmeets and hamfests ?  
>  
> A schedule of when and where would be worth the effort. Dayton would be the  
> king but there are many others. A well organized schedule would allow some  
> future planning for those of us that are addicted !  
>  
I second the motion... My recent experience with the Dalton (that's in Georgia..) swapfest is an example. I darn near did not go because I could not find any info on it...

I assume that we are all aware of the hamfest listing available from the ARRL infoserwer. But, it is not complete as it only lists ARRL sanctioned events. Anyhow, it is a good starting place..

Let me take a crack at something...

73,

Larry, KQ4BY

From owner-boatanchors@gnu.ai.mit.edu Fri Sep 16 20:35:41 1994  
Date: Fri, 16 Sep 94 15:24:59 EST  
From: "Roy Morgan" <morgan@speckle.ncsl.nist.gov>  
Message-Id: <67189.morgan@speckle.ncsl.nist.gov>  
Subject: Re: Swapmeets/Hamfests

On Fri, 16 Sep 94 12:04:59 -0400,  
Larry CONTRACTOR Keith Mr. <lakeith@wrdis01.robins.af.mil> wrote:

>In your message of 14 Sep 1994 at 1906 EDT, you write:  
>> Isn't it about time that someone put together a list of the decent BA related  
>> swapmeets and hamfests ?

Someone does already. It's been posted on rec.radio.swap, I believe. (But not lately.)

-- Roy --

Roy Morgan / Tech A-266 / NIST / Gaithersburg MD 20899  
(National Institute of Standards and Technology, formerly NBS)  
301-975-3254 Fax: 301-948-6213 Internet: morgan@speckle.ncsl.nist.gov  
---

From owner-boatanchors@gnu.ai.mit.edu Fri Sep 16 09:27:54 1994  
Message-Id: <n1432429808.5678@cpqm.saic.com>  
Date: 16 Sep 1994 08:16:25 U  
From: "Bob Scott" <Bob\_Scott@cpqm.saic.com>  
Subject: Ten-Tec Kit Phone number

If anyone has this phone number, I would appreciate it if you would provide it to me. I have misplaced it.  
Thanks. Bob AC4QO  
Bob\_Scott@cpqm.saic.com

From owner-boatanchors@gnu.ai.mit.edu Fri Sep 16 11:30:14 1994  
Date: Fri, 16 Sep 94 6:25:29 PDT  
Message-Id: <hn49+6nNSib@pgegate.comp.pge.com>  
From: HAK1%IC%DCPP@bangate.pge.com  
Subject: re:Ten-Tec Kit Phone number

Ten Tec 800 833 7373 or 615 453 7172. Ask for Paul Clinton - a good guy.

Howard AD6Y  
hak1@pge.com

From owner-boatanchors@gnu.ai.mit.edu Fri Sep 16 23:27:10 1994  
From: Fire Bottle archive handler <firebotl@jackatak.raider.net>  
Subject: Ten-Tec Kit Phone number  
Date: Fri, 16 Sep 1994 19:28:48 -0500 (CDT)  
Message-Id: <9409161928.aa00617@jackatak.raider.net>

Bob-

I am late in the day, and you have no doubt seen the answer in your mailbox, BUT:

Ten Tec, Inc  
1185 Dolly Parton Parkway (you gotta love that! ;^)  
Sevierville, TN 37862  
(800) 833-7373 (sales)  
(615) 428-0364 (service)  
(615) 428-4483 (fax)

Hope you help out the economy over there! ;^)  
73,  
Jack, W4PPT/Mobile (75M SSB 2-letter WAS #1657 -- all from the mobile! ;^)

Fire Bottle Server (Boat Anchors Get Out and Keep You Warm!)  
firebotl@jackatak.raider.net  
Where Old Radios and Fun ... GO TOGETHER!  
+-----human interface: root@jackatak.raider.net -----+

From owner-boatanchors@gnu.ai.mit.edu Fri Sep 16 14:17:55 1994  
Date: Fri, 16 Sep 94 11:39:03 EDT  
From: censun1!gc@uunet.uu.net (Gary Chatters)  
Message-Id: <9409161539.AA04456@fox.gsfc.nasa.gov>  
Subject: TNX - Top Band query

Thanks to all who responded to my query about the history of the use of the 160m band. The stories from those who operated the band back then were especially enjoyable and informative.

I was first licensed in the 60's and from reading QST I was somewhat aware of the difficulties 160m and its users faced, but, since I didn't operate there I never really got familiar with the band and its problems.

Gary

From owner-boatanchors@gnu.ai.mit.edu Fri Sep 16 14:22:41 1994  
From: "Kearman, Jim, KR1S" <jkearman@arrl.org>  
Subject: Want to Unsubscribe?  
Date: Fri, 16 Sep 94 11:15:00 EDT  
Message-Id: <2E79B89E@arrl.org>

IF YOU UNSUBSCRIBED ON SEPT 12 OR 13, PLEASE UNSUBSCRIBE AGAIN, AS I ACCIDENTALLY DELETED THE LIST.

I finally heard from Paul Prescott, who is alive and well. There is a possibility he may be able to do limited maintenance on this mailing list soon.

Here's the deal: If you want to unsubscribe, send me email with a text that says

UNSUBSCRIBE BOATANCHORS [email.address]

If you don't include your email address in the message, I won't be able to determine it and you won't get unsubscribed.

Put nothing else in the text. I'll save these messages and forward them to Paul. If you unsubscribe, you're history until Paul can resume daily maintenance of the list again (see below).

It will not be possible for Paul to add new subscribers at this time.

Paul hopes to return to Texas in late October, at which time he'll be maintaining the list as before. He apologized for the departure of the guy who said he'd keep an eye on it in his absence.

Paul liked the idea of a temporary "list of the list" to accommodate those who wish to join. That should hold us until his return.

I don't know exactly when the unsubscribing will commence; that's up to Paul, but figure sometime in the next week or two. I'll post this message

for a couple of days, and turn over the list of those who want out to Paul later in the week.

Sorry, I can't answer any further questions, etc.

73

Jim Kearman, KR1S  
jkearman@arrl.org